

LOOK AT WHAT A HALF CENT BUYS

MEASURE M 2014 HIGHLIGHTS



1/2 cent



Amount of each sales tax penny spent on transportation projects that improve life in Orange County every day.

Measure M, Orange County's half-cent sales tax for transportation improvements, was approved by voters first in 1990 and renewed in 2006.

Projects funded by Measure M touch the lives of Orange County taxpayers every day and include freeway improvements, street widening and intersection improvements, signal synchronization, water quality improvement projects and open space acquisition and restoration for environmental mitigation, funding for Metrolink commuter rail service in Orange County, and programs and discounted fares that increase mobility for seniors and persons with disabilities.

More transportation improvements are on the way. Measure M is expected to generate nearly \$16 billion through 2041.

An independent, 11-member oversight committee monitors OCTA's use of Measure M funding, approves all changes to the Measure M plan and holds an annual public hearing on the expenditure of funds generated by Measure M. In February 2015, the Measure M Taxpayer Oversight Committee agreed that OCTA had proceeded in accordance with the Measure M ordinance for the 24th year in a row.

[Learn More](#)

204

Number of acres purchased as preserved open space.

\$44 million

allocated to street improvement projects.

THREE

Number of rail grade separation projects opened to the public. Drivers can travel seamlessly and safely with the newly constructed undercrossings on Kraemer Blvd., Placentia Ave. and Sand Canyon Ave.



\$7.8 million

Amount allocated to support special needs transportation for seniors and persons with disabilities.



4.4 million

Number of train boardings on the three Metrolink lines serving Orange County.



51

Number of bus stops that received funding for shelter improvements, bike racks, and trash receptacles.



EIGHT

Number of freeway projects under construction, opened, and completed. This includes two completed projects on SR-57 spanning Placentia, Brea, and Anaheim, the opening of the West County Connectors Project, and five projects under construction - two on SR-91 and three on I-5 in south OC.



344

Number of intersections improved by funding 10 signal synchronization projects which keep drivers moving efficiently on the streets.



4.1

Number of miles the Santa Ana/Garden Grove Streetcar will travel, connecting people from activity/employment centers to the Metrolink Station in Santa Ana. Project development is underway and construction is anticipated to start in winter 2017.

EIGHT

Number of freeway projects under construction, opened, and completed. This includes two completed projects on SR-57 spanning Placentia, Brea, and Anaheim, the opening of the West County Connectors Project, and five projects under construction – two on SR-91 and three on I-5 in south OC.



57

COMPLETED

State Route 57 (SR-57)

A new eight-mile lane was added to the SR-57, which handles 158,000 vehicles each day. The improvement was split into two projects. A five-mile span was added to the northbound lane from north of the SR-91 near Orangethorpe Avenue in Placentia to Lambert Road in Brea and a three-mile stretch was added between Katella Avenue and Lincoln Avenue in Anaheim.

[Learn More](#)

OPEN

West County Connectors

After four years of construction, all segments of the West County Connectors Project opened to traffic. The \$297 million project created direct connectors among the carpool lanes on three major freeways (I-405, I-605, and SR-22) and added six miles of carpool lanes, easing congestion in Garden Grove, Westminster, Seal Beach, Los Alamitos, Long Beach and the community of Rossmoor.

[Learn More](#)


91

UNDER CONSTRUCTION

State Route 91 (SR-91)

The 91 Westbound Lane Addition Project

Spanning from about SR-57 to I-5, this will deliver a four-mile lane along a heavily traveled stretch used by both commuter and commercial motorists. The new lane will include realigned westbound on- and off-ramps at key intersections and widened bridges and walls.

[Learn More](#)

The 91 Bypass Lane Project

This will improve the 91 Freeway in Anaheim by extending a westbound lane from about Lakeview Avenue through the Tustin Avenue interchange. A westbound auxiliary lane will be reconstructed.

[Learn More](#)

Interstate 5 (I-5)

I-5 South County Improvements

This project will add six miles of carpool lanes from San Juan Creek Road to Avenida Pico to help relieve congestion within the cities of San Clemente, Dana Point, and San Juan Capistrano. Two segments – San Juan Creek Road Pacific Coast Highway, and Pacific Coast Highway to Avenida Vista Hermosa – broke ground in 2014.

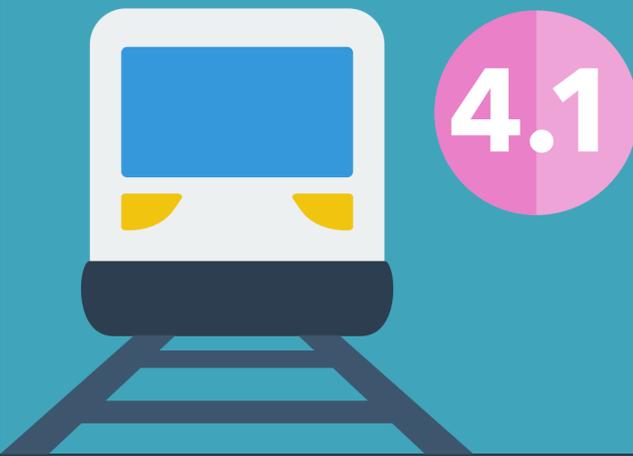
[Learn More](#)

I-5 / Ortega Highway Interchange Improvement Project

To relieve significant delays and congestion, this project at the Ortega Highway interchange at the I-5 freeway in San Juan Capistrano will widen the Ortega Highway Bridge, reconstruct on- and off-ramps, construct a new northbound I-5 loop on-ramp from eastbound Ortega Highway, and realign the Ortega Highway interchange.

[Learn More](#)


5



4.1

Number of miles the Santa Ana/Garden Grove Streetcar will travel, connecting people from activity/employment centers to the Metrolink Station in Santa Ana. Project development is underway and construction is anticipated to start in winter 2017.

Located in Santa Ana, the fourth most densely populated city in the United States, the streetcar will serve Santa Ana's historic downtown. On the way to Garden Grove's busy International West tourist corridor, it will connect directly with 18 OCTA bus routes, including the seven busiest routes in the county. In addition, the streetcar is expected to support economic development and create jobs. The streetcar system came one step closer to reality with the adoption of a Locally Preferred Alternative and the certification of the environmental document.

[Learn More](#)

THREE



Number of rail grade separation projects opened to the public. Drivers can travel seamlessly and safely with the newly constructed undercrossings on Kraemer Blvd., Placentia Ave. and Sand Canyon Ave.

The OC Bridges Program improves public safety and goods movement by constructing overpasses and underpasses at seven rail crossings in Anaheim, Fullerton, Placentia and Irvine. These bridges eliminate the need to stop, wait and waste time at railroad crossings as freight/commuter trains pass.

More trains are coming. By 2030, the number of daily freight trains is expected to nearly double from 70 to 130. The OC Bridges Program helps preserve quality of life while allowing trains to transport goods.

PROJECTS INCLUDE:

- Raymond Avenue
- State College Boulevard
- Placentia Avenue
- Kraemer Boulevard
- Orangethorpe Avenue
- Tustin Avenue/Rose Drive
- Lakeview Avenue
- Sand Canyon Avenue

[Learn More](#)

204

Number of acres purchased as preserved open space.

OCTA acquires land and funds habitat restoration in exchange for streamlined approvals for 13 freeway projects funded by Measure M. The Measure M2 Freeway Environmental Mitigation Program allocates funds for this purpose. Acquired properties are purchased and permanently preserved as open space. Funded restoration projects restore preserved open space lands to their native habitat and include the removal of invasive plant species. In 2014, 204 acres were purchased and, to date, OCTA has acquired more than 1,150 acres in the Trabuco Canyon and Brea areas. A total of \$42 million has been allocated to purchase and preserve open space. Since 2010, a total of 11 restoration projects have been funded throughout Orange County. Approximately \$10 million has been allocated to restore about 400 acres of open space land.

[Learn More](#)

\$7.8 million

Amount allocated to support special needs transportation for seniors and persons with disabilities.



Three programs work together to provide efficient, cost-effective transportation for seniors and persons with disabilities. The Senior Mobility Program fills the gap between local fixed-route buses and ACCESS service by providing transportation services to seniors in 31 cities in Orange County. OCTA and the participating cities contribute to the program. Another program supplements existing countywide senior non-emergency medical transportation services. The third program reduces fares for bus services and ACCESS paratransit services for seniors and persons with disabilities.

[Learn More](#)

\$44 million

allocated to street improvement projects.



Local streets and roads are the foundation of our transportation system. There are more than 7,300 miles of roadways in Orange County, and every single mile needs to be maintained.

Measure M funds are used throughout Orange County's 34 cities and unincorporated areas to improve intersections, keep community streets in good repair, and synchronize traffic lights. Since inception, more than \$200 million has been allocated for these improvements.

In 2014, the pavement condition of Orange County's streets and roads was ranked the best in the state by SaveCaliforniaStreets.org. This is the second consecutive time Orange County has achieved this rank.

[Learn More](#)

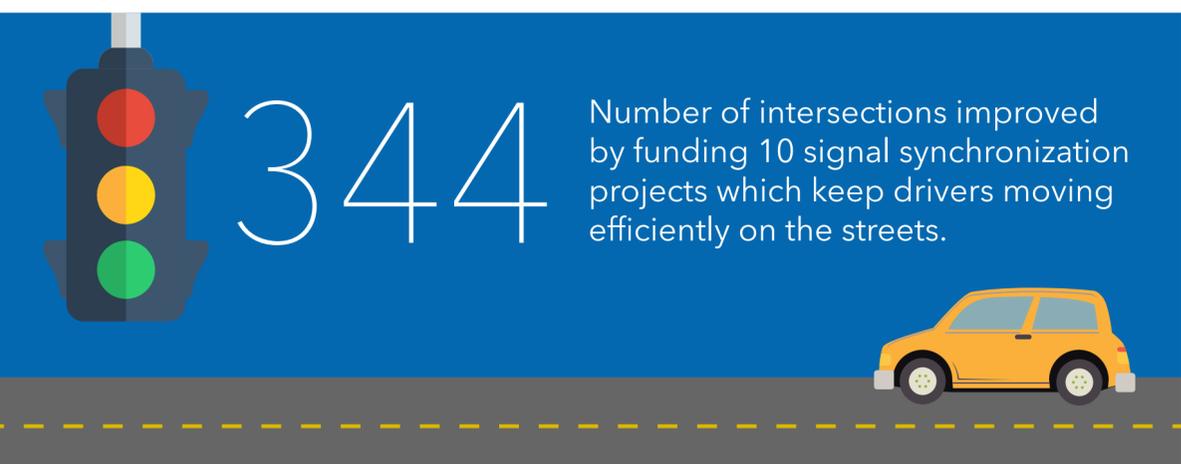


4.4 million

Number of train boardings on the three Metrolink lines serving Orange County.

Orange County has 11 Metrolink stations and is served by three lines - Orange County Line (OC Line), Inland Empire Orange County Line (IEOC Line) and 91 Line. Each day, commuters and other travelers use convenient Metrolink trains to get to work or other destinations within Orange County or adjoining counties including Los Angeles, Riverside, and San Diego. In 2014, weekend ridership was added to the 91 Line.

[Learn More](#)



344

Number of intersections improved by funding 10 signal synchronization projects which keep drivers moving efficiently on the streets.

Signal synchronization coordinates traffic lights across city boundaries to improve the flow of traffic. It helps reduce traffic times, stops, and delays.

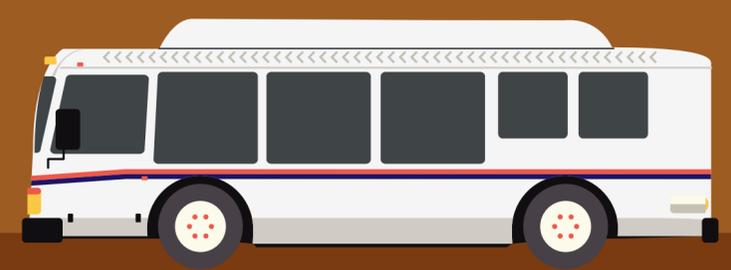
OCTA's Regional Traffic Signal Synchronization Program keeps Orange County moving. There are 50 projects planned or in progress. To date, the program has resulted in:

- 28 signal projects completed
- \$19.4 million improvements along 363 miles and 1,413 signals
- Travel time improvements averaging 14%
- Speed improvements averaging 16%

[Learn More](#)

51

Number of bus stops that received funding for shelter improvements, bike racks, and trash receptacles.



Stops in Anaheim, Brea, Costa Mesa, Irvine, Orange, Santa Ana and Westminster will receive site-specific upgrades which may include new, improved, or repaired shelters, bike racks, and trash receptacles.

These upgrades are part of the Measure M Safe Transit Stops program. The program provides funding for passenger amenities at the 100 busiest bus stops in Orange County, determined by average daily weekday passenger boardings.

[Learn More](#)

MEASURE M1 NET PROJECT COST & EXPENDITURES

FISCAL YEAR ENDED JUNE 30, 2014 (\$ IN THOUSANDS)

┆----- NET PROJECT COST -----┆----- EXPENDITURES -----┆

PROJECT DESCRIPTION	INCEPTION THROUGH 6/30/13	FISCAL YEAR 2013-14	INCEPTION THROUGH 6/30/14	INCEPTION THROUGH 6/30/13	FISCAL YEAR 2013-14	INCEPTION THROUGH 6/30/14
FREEWAYS (43%)						
I-5 between I-405 (San Diego Fwy) and I-605 (San Gabriel Fwy)	\$ 794,188	(911)	793,277	\$ 879,893	1,419	881,312
I-5 between I-5/I-405 Interchange and San Clemente	59,936	(1)	59,935	70,294	-	70,294
I-5/I-405 Interchange	73,075	-	73,075	98,157	-	98,157
SR-55 (Costa Mesa Fwy) between I-5 and SR-91 (Riverside Fwy)	49,342	-	49,342	55,514	-	55,514
SR-57 (Orange Fwy) between I-5 and Lambert Road	22,758	-	22,758	25,617	-	25,617
SR-91 (Riverside Fwy) between Riverside Co. line & Los Angeles Co. line	105,389	-	105,389	123,995	-	123,995
SR-22 (Garden Grove Fwy) between SR-55 and Valley View St.	312,866	2,058	314,924	658,268	9,899	668,167
SUBTOTAL PROJECTS	1,417,554	1,146	1,418,700	1,911,738	11,318	1,923,056
Net (Bond Revenue)/Debt Service	311,917	-	311,917	311,917	-	311,917
TOTAL FREEWAYS %	\$ 1,729,471	1,146	1,730,617	\$ 2,223,655	11,318	2,234,973
REGIONAL STREET AND ROAD PROJECTS (11%)						
Smart Streets	\$ 145,553	316	145,869	\$ 157,492	316	157,808
Regionally Significant Interchanges	79,169	4,845	84,014	79,315	4,845	84,160
Intersection Improvement Program	106,476	9,551	116,027	110,196	9,662	119,858
Traffic Signal Coordination	63,387	1,041	64,428	67,134	1,271	68,405
Transportation Systems Management & Transportation Demand Management	9,525	1,535	11,060	9,674	1,603	11,277
SUBTOTAL PROJECTS	404,110	17,288	421,398	423,811	17,697	441,508
Net (Bond Revenue)/Debt Service	2,409	-	2,409	2,409	-	2,409
TOTAL REGIONAL STREET AND ROAD PROJECTS %	\$ 406,519	17,288	423,807	\$ 426,220	17,697	443,917
LOCAL STREET AND ROAD PROJECTS (21%)						
Master Plan of Arterial Highway Improvements	\$ 140,072	12,020	152,092	\$ 140,171	12,020	152,191
Streets and Roads Maintenance and Road Improvements	594,025	-	594,025	594,025	-	594,025
Growth Management Area Improvements	94,501	2,468	96,969	94,932	2,594	97,526
SUBTOTAL PROJECTS	828,598	14,488	843,086	829,128	14,614	843,742
Net (Bond Revenue)/Debt Service	-	-	-	-	-	-
TOTAL LOCAL STREET AND ROAD PROJECTS %	\$ 828,598	14,488	843,086	\$ 829,128	14,614	843,742
TRANSIT PROJECTS (25%)						
Pacific Electric Right-of-Way	\$ 14,220	(157)	14,063	\$ 17,478	8	17,486
Commuter Rail	350,633	-	350,633	411,438	-	411,438
High-Technology Advanced Rail Transit	314,263	8,808	323,071	467,801	14,199	482,000
Elderly and Handicapped Fare Stabilization	20,000	-	20,000	20,000	-	20,000
Transitways	126,511	185	126,696	163,276	185	163,461
SUBTOTAL PROJECTS	825,627	8,836	834,463	1,079,993	14,392	1,094,385
Net (Bond Revenue)/Debt Service	56,342	-	56,342	56,342	-	56,342
TOTAL TRANSIT PROJECTS %	\$ 881,969	8,836	890,805	\$ 1,136,335	14,392	1,150,727
TOTAL MEASURE M1 PROGRAM	\$ 3,846,557	41,758	3,888,315	\$ 4,615,338	58,021	4,673,359

MEASURE M2 NET PROJECT COST & EXPENDITURES

FISCAL YEAR ENDED JUNE 30, 2014 (\$ IN THOUSANDS)

┌----- NET PROJECT COST -----┐----- EXPENDITURES -----┘

PROJECT DESCRIPTION		INCEPTION THROUGH 6/30/13	FISCAL YEAR 2013-14	INCEPTION THROUGH 6/30/14	INCEPTION THROUGH 6/30/13	FISCAL YEAR 2013-14	INCEPTION THROUGH 6/30/14
FREEWAYS (43% OF NET REVENUES)							
A	I-5 Santa Ana Freeway Interchange Improvements	\$ 1,457	452	1,909	\$ 1,457	452	1,909
B,C,D	I-5 Santa Ana/San Diego Freeway Improvements	27,723	3,204	30,927	35,587	6,236	41,823
E	SR-22 Garden Grove Freeway Access Improvements	4	-	4	4	-	4
F	SR-55 Costa Mesa Freeway Improvements	5,263	1,124	6,387	5,276	1,124	6,400
G	SR-57 Orange Freeway Improvements	27,125	3,168	30,293	34,699	5,555	40,254
H,I,J	SR-91 Riverside Freeway Improvements	15,997	9,289	25,286	21,990	9,600	31,590
K,L	I-405 San Diego Freeway Improvements	17,532	3,024	20,556	18,168	3,341	21,509
M	I-605 Freeway Access Improvements	21	336	357	21	336	357
N	All Freeway Service Patrol Freeway Mitigation	30 32,162	33 5,365	63 37,527	30 33,366	33 5,710	63 39,076
SUBTOTAL PROJECTS		127,314	25,995	153,309	150,598	32,387	182,985
Net (Bond Revenue)/Debt Service		14,331	4,476	18,807	14,331	4,476	18,807
TOTAL FREEWAYS %		\$ 141,645	30,471	172,116	\$ 164,929	36,863	201,792
STREET AND ROADS PROJECTS (32% OF NET REVENUES)							
O	Regional Capacity Program	140,791	71,162	211,953	237,497	145,286	382,783
P	Regional Traffic Signal Synchronization Program	2,927	5,974	8,901	3,199	6,714	9,913
Q	Local Fair Share Program	89,028	47,311	136,339	89,028	47,311	136,339
SUBTOTAL PROJECTS		232,746	124,447	357,193	329,724	199,311	529,035
Net (Bond Revenue)/Debt Service		15,425	6,466	21,891	15,425	6,466	21,891
TOTAL STREET AND ROADS PROJECTS %		\$ 248,171	130,913	379,084	\$ 345,149	205,777	550,926
TRANSIT PROJECTS (25% OF NET REVENUES)							
R	High Frequency Metrolink Service	65,987	8,437	74,424	133,380	15,798	149,178
S	Transit Extensions to Metrolink	413	519	932	724	945	1,669
T	Metrolink Gateways	11,222	11,492	22,714	11,368	57,604	68,972
U	Expand Mobility Choices for Seniors and Persons	14,779	7,844	22,623	14,796	7,843	22,639
V	Community Based Transit/Circulators	2	495	497	12	496	508
W	Safe Transit Stops	5	35	40	5	35	40
SUBTOTAL PROJECTS		92,408	28,822	121,230	160,285	82,721	243,006
Net (Bond Revenue)/Debt Service		6,566	6,170	12,736	6,566	6,170	12,736
TOTAL TRANSIT PROJECTS %		\$ 98,974	34,992	133,966	\$ 166,851	88,891	255,742
TOTAL MEASURE M2 PROGRAM		\$ 488,790	196,376	685,166	\$ 676,929	331,531	1,008,460
ENVIRONMENTAL CLEANUP (2% OF REVENUES)							
X	Clean Up Highway and Street Runoff that Pollutes Beaches	3,767	2,398	6,165	3,944	2,398	6,342
Net (Bond Revenue)/Debt Service		-	21	21	-	21	21
TOTAL ENVIRONMENTAL CLEANUP %		\$ 3,767	2,419	6,186	\$ 3,944	2,419	6,363
TAXPAYER SAFEGUARDS AND AUDITS							
Collect Sales Taxes (1.5% of Sales Taxes) %		\$ 5,773	3,157	8,930	\$ 5,773	3,157	8,930
Oversight and Annual Audits (1% of Revenues) %		\$ 5,798	2,838	8,636	\$ 10,138	1,851	11,989

MEASURE M2 FAIR SHARE FUNDING FOR ROAD IMPROVEMENTS

-----CITY----- | TOTAL FY 2013/14 | 4/1/11-6/30/14 --|



WHAT IS LOCAL FAIR SHARE:

The Local Fair Share Program will provide flexible funding to help cities and the County of Orange pay for the escalating cost of restoring the aging street system. In addition, cities can use these funds for other local transportation needs such as residential street projects, traffic and pedestrian safety near schools, and signal priority for emergency vehicles. [Learn More](#)



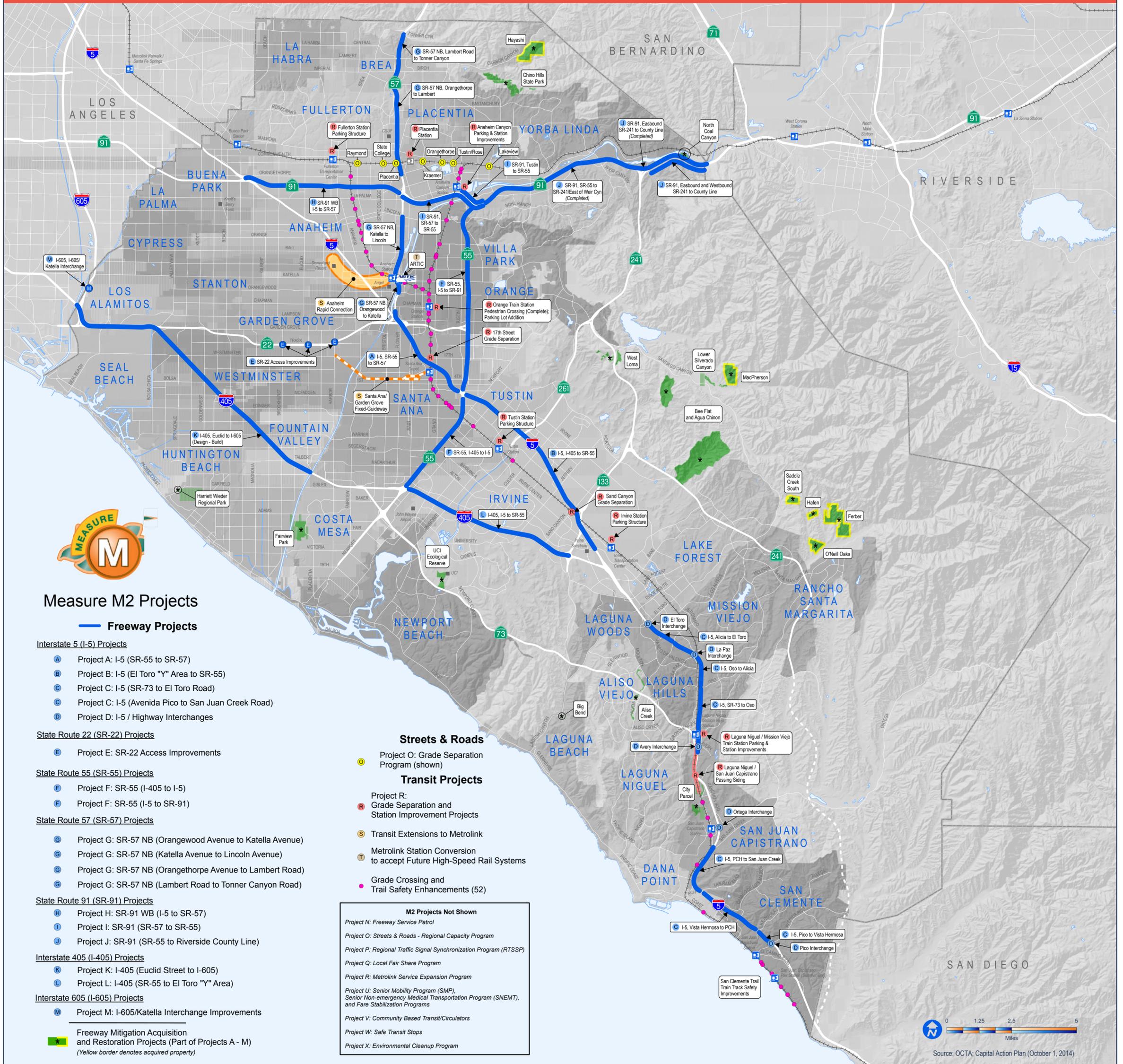
ALISO VIEJO	\$ 583,665.58	1,694,947.52
ANAHEIM	5,033,554.70	14,599,741.45
BREA	900,061.55	2,497,404.93
BUENA PARK	1,394,296.55	3,979,503.00
COSTA MESA	2,116,879.38	6,139,761.12
CYPRESS	787,432.98	2,333,033.26
DANA POINT	506,823.52	1,417,376.28
FOUNTAIN VALLEY	920,299.47	2,702,926.26
FULLERTON	1,919,728.16	5,587,195.47
GARDEN GROVE	2,211,894.54	6,425,220.96
HUNTINGTON BEACH	2,975,859.65	8,363,827.53
IRVINE	3,805,015.82	10,964,796.21
LAGUNA BEACH	372,972.48	1,087,154.88
LAGUNA HILLS	501,854.03	1,468,577.53
LAGUNA NIGUEL	985,614.82	2,899,654.60
LAGUNA WOODS	188,997.27	558,499.33
LA HABRA	813,226.89	2,300,540.48
LAKE FOREST	1,143,413.20	3,349,213.14
LA PALMA	281,582.99	789,989.52
LOS ALAMITOS	189,146.84	554,630.45
MISSION VIEJO	1,379,672.03	4,042,634.39
NEWPORT BEACH	1,651,784.77	4,709,671.04
ORANGE	2,405,658.51	7,008,699.70
PLACENTIA	700,033.38	2,031,392.12
RANCHO SANTA MARGARITA	628,265.13	1,826,492.08
SAN CLEMENTE	816,466.58	2,386,755.14
SAN JUAN CAPISTRANO	578,339.54	1,631,100.20
SANTA ANA	4,064,200.87	11,889,155.62
SEAL BEACH	406,279.63	1,138,912.02
STANTON	463,285.91	1,303,848.12
TUSTIN	1,308,790.63	3,771,841.74
VILLA PARK	76,339.87	223,415.35
WESTMINSTER	1,267,710.36	3,674,327.32
YORBA LINDA	891,779.22	2,569,584.37
COUNTY UNINCORPORATED	2,763,117.56	7,749,410.96

TOTALS

\$ 47,034,044.41

\$ 135,671,234.09

MEASURE M2 PROJECTS



Measure M2 Projects

Freeway Projects

Interstate 5 (I-5) Projects

- A Project A: I-5 (SR-55 to SR-57)
- B Project B: I-5 (El Toro "Y" Area to SR-55)
- C Project C: I-5 (SR-73 to El Toro Road)
- C Project C: I-5 (Avenida Pico to San Juan Creek Road)
- D Project D: I-5 / Highway Interchanges

State Route 22 (SR-22) Projects

- E Project E: SR-22 Access Improvements

State Route 55 (SR-55) Projects

- F Project F: SR-55 (I-405 to I-5)
- F Project F: SR-55 (I-5 to SR-91)

State Route 57 (SR-57) Projects

- G Project G: SR-57 NB (Orangewood Avenue to Katella Avenue)
- G Project G: SR-57 NB (Katella Avenue to Lincoln Avenue)
- G Project G: SR-57 NB (Orangethorpe Avenue to Lambert Road)
- G Project G: SR-57 NB (Lambert Road to Tonner Canyon Road)

State Route 91 (SR-91) Projects

- H Project H: SR-91 WB (I-5 to SR-57)
- I Project I: SR-91 (SR-57 to SR-55)
- J Project J: SR-91 (SR-55 to Riverside County Line)

Interstate 405 (I-405) Projects

- K Project K: I-405 (Euclid Street to I-605)
- L Project L: I-405 (SR-55 to El Toro "Y" Area)

Interstate 605 (I-605) Projects

- M Project M: I-605/Katella Interchange Improvements

Freeway Mitigation Acquisition and Restoration Projects (Part of Projects A - M)
(Yellow border denotes acquired property)

Streets & Roads

Project O: Grade Separation Program (shown)

Transit Projects

- Project R: Grade Separation and Station Improvement Projects
- S Transit Extensions to Metrolink
- T Metrolink Station Conversion to accept Future High-Speed Rail Systems
- Grade Crossing and Trail Safety Enhancements (52)

M2 Projects Not Shown

- Project N: Freeway Service Patrol
- Project O: Streets & Roads - Regional Capacity Program
- Project P: Regional Traffic Signal Synchronization Program (RTSSP)
- Project Q: Local Fair Share Program
- Project R: Metrolink Service Expansion Program
- Project U: Senior Mobility Program (SMP), Senior Non-emergency Medical Transportation Program (SNEMT), and Fare Stabilization Programs
- Project V: Community Based Transit/Circulators
- Project W: Safe Transit Stops
- Project X: Environmental Cleanup Program



Source: OCTA; Capital Action Plan (October 1, 2014)